

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A method for olefin polymerization comprising:

providing a reactor system including a plurality of reactors arranged for parallel flow, each said reactor defining an internal reaction zone;

~~conducting an exothermic olefin polymerization reaction on an olefin polymerization reaction mixture in each reaction zone;~~

supplying an olefin containing feedstock and dividing the same into a plurality of separate feedstock streams;

~~introducing a separate one each of said separate olefin containing feedstock streams into the reaction zone of each reactor a respective one of said reactors;~~

conducting an exothermic olefin polymerization reaction on an olefin polymerization reaction mixture in each reaction zone;

separately circulating the reaction mixture in each reactor at a flow rate that is independent of the rate of introduction of the respective stream of feedstock into the reaction zone while said exothermic olefin polymerization reaction is ongoing;

removing a crude polyolefin product stream from each of said reactors; and

combining said crude polyolefin product streams to form a single crude product stream.

2. (Original): A method as set forth in claim 1, wherein said system includes two of said reactors and said olefin polymerization reaction mixture is divided into two separate streams.

3. (Original): A method as set forth in claim 1, wherein said system includes at least three of said reactors and said olefin polymerization reaction mixture is divided into at least three separate streams.

Claims 4 through 20. (Cancelled):